

January 22, 2008 ENERGY STAR Benchmarking for Wastewater Treatment Facilities

This training session for ENERGY STAR benchmarking for wastewater facilities is sponsored for Rhode Island facilities on January 22, 2008 at the computer lab at the Rhode Island Department of Environmental Management in Providence, RI, from 8:30 AM to 11:30 AM.

The workshop will provide interactive instruction on entering energy use information into the EnergySTAR benchmarking tool. You will leave with a benchmark ranking from 1-100 letting you know how well your facility performs from an energy standpoint. You will also learn how to use the tool to track energy improvements, calculate your carbon footprint, and set a target for improving your baseline score. We will discuss incentive payments available from electric utilities for energy efficiency upgrades and the opportunities for renewable energy use on site.

Participants need to bring the following information. For averages, bring the annual average.

- 1. Average Influent Flow**
- 2. Design Flow (MGD)**
- 3. Average Influent Biological Demand (BOD) Concentration: (mg/l)**
- 4. Average Effluent Biological Demand (BOD) Concentration: (mg/l)**
- 5. Whether you have Fixed Film Trickle Filtration Process: Yes or No**
- 6. Whether you have Nutrient Removal: Yes or No**
- 7. Your Facility Zip Code**
- 8. Energy use for each meter or bill received at the facility** in both the units used on the bill (kWh, therms, etc.) and dollar cost. Possible billing or meter types include electric, natural gas, diesel, propane, liquid propane, steam, fuel oil types 1-6, coal, coke, chilled water, kerosene, wood, or other. We do not count energy you generate onsite from renewable sources (wind, solar, biogas, etc.).

You may bring energy data as paper bills or in a spreadsheet on a USB drive or CD. We need at least 12 consecutive months of energy data, but you may bring more if you want to compare your performance over time or find out if a prior upgrade is performing as you had hoped.

For directions, visit <http://www.dem.ri.gov/contact/fo.htm>. The training room is on the 4th floor - follow the signs once off the elevator.

Questions and Registration. Please register with Jason Turgeon and if you have any questions about the tool or the data we need, please contact Jason at turgeon.jason@epa.gov or call (617) 918-1637 (voice) or (617) 918-0637 (fax).